

TRANSMISSION APPARATUS AND TRANSMISSION METHOD, RECEPTION
APPARATUS AND RECEPTION METHOD, AND COMMUNICATION SYSTEM

[ABSTRACT]

The present disclosure relates to a transmission apparatus and a transmission method, a reception apparatus and a reception method, and a communication system that make it possible to implement stabilized communication irrespective of a fluctuation of a communication environment in a WLAN (Wireless LAN, WaveLAN).

When a transmission apparatus transmits a data signal to a reception apparatus, the reception apparatus returns a response signal including a feedback parameter (FP) to the transmission apparatus. In a case where a reception situation of the reception apparatus is poor and improvement of it is necessitated on the basis of the FP, the transmission apparatus adjusts transmission power or the like to improve the reception situation of the reception apparatus. The present disclosure can be applied to a communication system in a WLAN.

Figure 5